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The material at hand lacked calyptra and peristome. An examination of Macoun's No. 620 from Victoria, B. C., shows it to be *R. depressum* instead of *R. protensum*. Since the only report of the occurrence of *R. protensum* in the western part of North America seems to be from Macoun's collection near Victoria, its reported presence seems to be due to error. The two species seem to differ in the following:

(*a*) *R. depressum*—Capsule-body about 2.5 mm. long; leaves smooth.

(*aa*) *R. protensum*—Capsule-body about 1.8 mm. long; leaves with paired papillae over the cell-walls.

(*To be concluded in January number*)

UNUSUAL HABITATS

Elizabeth M. Dunham

A student of mosses so soon becomes accustomed to finding certain species in their accustomed habitats that a moss growing out of the usual place at once attracts attention. The following are cases that have interested the writer:

Sphagnum was found on rock on top of a hill at Holderness, N. H., June, 1915. Unfortunately the specimen collected was lost so that the species cannot be given.

Dicranum viride (Sull. & Lesq.) Lindb. grew on trees high above one's head at Upper Dam, Rangeley Lakes, Me., Sept., 1916.

Dicranum montanum Hedw was collected at Upper Dam, Me., Sept., 1916, on rock and on the ground, as well as on trees and decaying logs.

Drummondia clavellata Hook. was collected on rock at Hot Springs, Arkansas, by Mrs. Frank E. Lowe, Jan., 1915.

Ulota ulophylla (Ehrh.) Broth. was found by Heyward Scudder growing on rock at Grand Manan, N. B., June, 1914. It at first seemed probable that the specimen had fallen from a tree and lodged on the rock but, when the locality was again examined, several specimens of the same moss were found on rock and in every case away from trees.

Funaria hygrometrica (L.) Sibth. has been found several times on the mortar between the rocks of stone walls, growing mixed with *Bryum argenteum*.

Mnium cuspidatum (L.) Leyss. was found in the crotch of an old willow by Heyward Scudder in New Brunswick, August, 1914.

Mnium hornum L. was collected in water in Milton, Mass., May, 1916. The growth was so very lax that the species was entirely unrecognizable until placed under the microscope.

Platygyrium repens (Brid.) Bryol. Eur. grows on rocks at North Worcester, Mass. Collected by Mrs. Frank E. Lowe.

Thelia asprella Sull. was also collected on rock by Mrs. Lowe at the limestone quarries at Bolton, Mass. The specimen was determined by Dr. Grout who said he had never heard of this species growing on rock before.

From the foregoing notes it would seem that rock is the new habitat to which mosses most easily adapt themselves, as the species given are generally found on the ground, on decaying logs, or at the base of trees.

A few other cases that have been noticed are such mosses as *Hylocomium proliferum* (L.) Lindb., *Rhytidiadelphus triquetrus* (L.) Warnst., *Hypnum Schreberi* Willd., and *Ptilium crista-castrensis* (L.) De Not., growing from two to three feet up the base of trees, whereas these species are usually found on the ground or on rotten logs.

WABAN, MASS.

LICHENS OF THE MT. MONADNOCK REGION, N. H.—NO. 9*

THOMAS DURFEE

These lichens were determined by the late Dr. H. E. Hasse. All the specimens are fertile.

Genus: PYRENULA Ach.

161. *Pyrenula glabrata* (Ach.) Mass. One specimen.
162. *P. nitida* (Weig.) Ach. One specimen.

Genus: CALICIUM Pers.

163. *Calicium lenticulare* Ach. Four specimens.
164. *C. parietinum* Ach. Two specimens.
165. *C. quercinum* Pers. One specimen.

Genus: SPHINCTRINA Fr.

166. *Sphinctrina turbinata* (Pers.) Fr. Three specimens.

Genus: ACOLIUM De Not.

167. *Acolium tigillare* (Pers.) De Not. One specimen.

Genus: ARTHOTHELIUM Mass.

168. *Arthothelium spectabile* (Flot.) Mass. Three specimens.

Genus: OPEGRAPHA Humb.

169. *Opegrapha macularis* Fr. One specimen.

Genus: GRAPHIS Adans.

170. *Graphis dendritica* Ach. Nine specimens.
171. *G. dendritica* f. *medusula* (Pers.) Nyl. Four specimens.
172. *G. elegans* (Borrer) Ach. One specimen.
173. *G. inusta* Ach. Two specimens.
174. *G. inustula* Nyl. Two specimens.
175. *G. scripta* (L.) Ach. Four specimens.
176. *G. scripta* f. *recta* (Humb.) Nyl. Six specimens.

MIDDLESEX SCHOOL,
CONCORD, MASS.

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